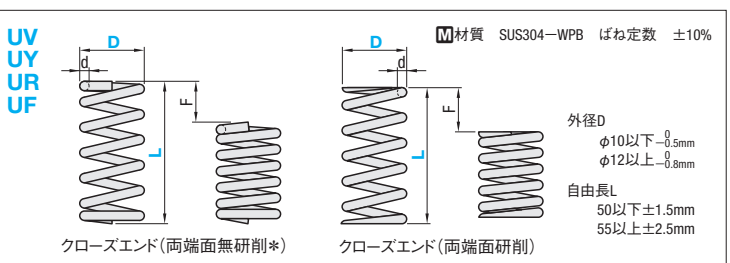
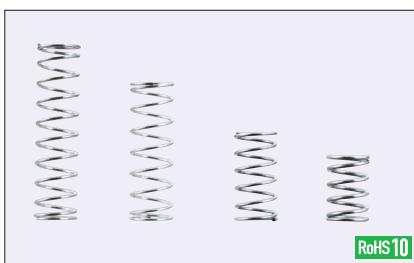




WIRE SPRINGS -STAINLESS TYPE- 丸線コイルスプリング —外径基準ステンレスタイプ—



CADデータフォルダ名: 37_Springs



UV : Fmax. (許容たわみ量) = L × Fa%

| 型式 TypeD-L | d | 密着長 (参考値) | F max. | N {kgf} max. | Fa% | ¥基準単価 |
|------------|------|-----------|--------|--------------|-----|-------|
| UV 3-5 | 0.15 | 1.1 | 4 | 0.18(0.018) | | 170 |
| 10 | 0.18 | 2.5 | 7 | 0.35(0.036) | | 200 |
| 15 | 0.18 | 2.5 | 11 | 0.53(0.054) | | 180 |
| 20 | 0.20 | 3.3 | 14 | 0.70(0.071) | | 250 |
| 25 | 0.23 | 6.2 | 18 | 0.88(0.089) | | 190 |
| 30 | 0.23 | 6.2 | 21 | 1.05(0.107) | | 220 |
| UV 4-5 | 0.18 | 1.2 | 4 | 0.18(0.018) | | 230 |
| 10 | 0.20 | 1.7 | 7 | 0.35(0.036) | | 280 |
| 15 | 0.23 | 3.0 | 11 | 0.53(0.054) | | 290 |
| 20 | 0.23 | 3.0 | 14 | 0.70(0.071) | | 250 |
| 25 | 0.26 | 4.9 | 18 | 0.88(0.089) | | 270 |
| 30 | 0.26 | 4.9 | 21 | 1.05(0.107) | | 310 |
| UV 5-5 | 0.20 | 1.2 | 4 | 0.18(0.018) | | 340 |
| 10 | 0.23 | 1.8 | 7 | 0.35(0.036) | | 390 |
| 15 | 0.26 | 2.9 | 11 | 0.53(0.054) | | 210 |
| 20 | 0.29 | 4.5 | 14 | 0.70(0.071) | | 240 |
| 25 | 0.29 | 4.5 | 18 | 0.88(0.089) | | 290 |
| 30 | 0.29 | 4.5 | 21 | 1.05(0.107) | | 350 |
| UV 6-10 | 0.26 | 2.0 | 7 | 0.35(0.036) | | 370 |
| 15 | 0.30 | 3.3 | 11 | 0.53(0.054) | | 420 |
| 20 | 0.30 | 3.3 | 14 | 0.70(0.071) | | 310 |
| 25 | 0.35 | 6.5 | 18 | 0.88(0.089) | | 370 |
| 30 | 0.35 | 6.5 | 21 | 1.05(0.107) | | 390 |
| 35 | 0.35 | 6.5 | 25 | 1.23(0.125) | | 270 |
| 40 | 0.35 | 6.5 | 28 | 1.40(0.143) | | 340 |
| UV 8-10 | 0.30 | 1.9 | 7 | 0.35(0.036) | | 370 |
| 15 | 0.35 | 3.2 | 11 | 0.53(0.054) | | 420 |
| 20 | 0.35 | 3.2 | 14 | 0.70(0.071) | | 310 |
| 25 | 0.40 | 5.6 | 18 | 0.88(0.089) | | 370 |
| 30 | 0.40 | 5.6 | 21 | 1.05(0.107) | | 390 |
| 35 | 0.40 | 5.6 | 25 | 1.23(0.125) | | 270 |
| 40 | 0.45 | 9.3 | 28 | 1.40(0.143) | | 340 |
| 45 | 0.45 | 9.3 | 32 | 1.58(0.161) | | 270 |
| 50 | 0.45 | 9.3 | 35 | 1.75(0.179) | | 340 |
| UV 10-10 | 0.35 | 2.2 | 7 | 0.35(0.036) | | 370 |
| 15 | 0.40 | 3.4 | 11 | 0.53(0.054) | | 420 |
| 20 | 0.40 | 3.4 | 14 | 0.70(0.071) | | 310 |
| 25 | 0.45 | 5.4 | 18 | 0.88(0.089) | | 370 |
| 30 | 0.45 | 5.4 | 21 | 1.05(0.107) | | 390 |
| 35 | 0.50 | 8.4 | 25 | 1.23(0.125) | | 270 |
| 40 | 0.50 | 8.4 | 28 | 1.40(0.143) | | 340 |
| 45 | 0.55 | 12.8 | 32 | 1.58(0.161) | | 270 |
| 50 | 0.55 | 12.8 | 35 | 1.75(0.179) | | 340 |

UY : Fmax. (許容たわみ量) = L × Fa%

| 型式 TypeD-L | d | 密着長 (参考値) | F max. | N {kgf} max. | Fa% | ¥基準単価 |
|------------|------|-----------|--------|--------------|-----|-------|
| UY 3-5 | 0.15 | 1.1 | 4 | 0.18(0.018) | | 170 |
| 10 | 0.18 | 2.5 | 7 | 0.35(0.036) | | 200 |
| 15 | 0.18 | 2.5 | 11 | 0.53(0.054) | | 180 |
| 20 | 0.20 | 3.3 | 14 | 0.70(0.071) | | 250 |
| 25 | 0.23 | 6.2 | 18 | 0.88(0.089) | | 190 |
| 30 | 0.23 | 6.2 | 21 | 1.05(0.107) | | 220 |
| UY 4-5 | 0.18 | 1.2 | 4 | 0.18(0.018) | | 230 |
| 10 | 0.20 | 1.7 | 7 | 0.35(0.036) | | 280 |
| 15 | 0.23 | 3.0 | 11 | 0.53(0.054) | | 290 |
| 20 | 0.23 | 3.0 | 14 | 0.70(0.071) | | 250 |
| 25 | 0.26 | 4.9 | 18 | 0.88(0.089) | | 270 |
| 30 | 0.26 | 4.9 | 21 | 1.05(0.107) | | 310 |
| UY 5-5 | 0.20 | 1.2 | 4 | 0.18(0.018) | | 340 |
| 10 | 0.23 | 1.8 | 7 | 0.35(0.036) | | 390 |
| 15 | 0.26 | 2.9 | 11 | 0.53(0.054) | | 210 |
| 20 | 0.29 | 4.5 | 14 | 0.70(0.071) | | 240 |
| 25 | 0.29 | 4.5 | 18 | 0.88(0.089) | | 290 |
| 30 | 0.29 | 4.5 | 21 | 1.05(0.107) | | 350 |
| UY 6-10 | 0.26 | 2.0 | 7 | 0.35(0.036) | | 370 |
| 15 | 0.30 | 3.3 | 11 | 0.53(0.054) | | 420 |
| 20 | 0.30 | 3.3 | 14 | 0.70(0.071) | | 310 |
| 25 | 0.35 | 6.5 | 18 | 0.88(0.089) | | 370 |
| 30 | 0.35 | 6.5 | 21 | 1.05(0.107) | | 390 |
| 35 | 0.35 | 6.5 | 25 | 1.23(0.125) | | 270 |
| 40 | 0.35 | 6.5 | 28 | 1.40(0.143) | | 340 |
| UY 8-10 | 0.30 | 1.9 | 7 | 0.35(0.036) | | 370 |
| 15 | 0.35 | 3.2 | 11 | 0.53(0.054) | | 420 |
| 20 | 0.35 | 3.2 | 14 | 0.70(0.071) | | 310 |
| 25 | 0.40 | 5.6 | 18 | 0.88(0.089) | | 370 |
| 30 | 0.40 | 5.6 | 21 | 1.05(0.107) | | 390 |
| 35 | 0.40 | 5.6 | 25 | 1.23(0.125) | | 270 |
| 40 | 0.45 | 9.3 | 28 | 1.40(0.143) | | 340 |
| 45 | 0.45 | 9.3 | 32 | 1.58(0.161) | | 270 |
| 50 | 0.45 | 9.3 | 35 | 1.75(0.179) | | 340 |
| UY 10-10 | 0.35 | 2.2 | 7 | 0.35(0.036) | | 370 |
| 15 | 0.40 | 3.4 | 11 | 0.53(0.054) | | 420 |
| 20 | 0.40 | 3.4 | 14 | 0.70(0.071) | | 310 |
| 25 | 0.45 | 5.4 | 18 | 0.88(0.089) | | 370 |
| 30 | 0.45 | 5.4 | 21 | 1.05(0.107) | | 390 |
| 35 | 0.50 | 8.4 | 25 | 1.23(0.125) | | 270 |
| 40 | 0.50 | 8.4 | 28 | 1.40(0.143) | | 340 |
| 45 | 0.55 | 12.8 | 32 | 1.58(0.161) | | 270 |
| 50 | 0.55 | 12.8 | 35 | 1.75(0.179) | | 340 |

UR : Fmax. (許容たわみ量) = L × Fa%

| 型式 TypeD-L | d | 密着長 (参考値) | F max. | N {kgf} max. | Fa% | ¥基準単価 |
|------------|------|-----------|--------|--------------|-----|-------|
| UR 2-5 | 0.18 | 2.0 | 2.5 | 0.49(0.05) | | 255 |
| 10 | 0.18 | 2.0 | 5 | 0.98(0.1) | | 200 |
| 15 | 0.23 | 6.0 | 7.5 | 1.5(0.15) | | 180 |
| 20 | 0.23 | 6.0 | 10 | 2.0(0.2) | | 250 |
| 25 | 0.26 | 11.2 | 12.5 | 2.5(0.25) | | 240 |
| 30 | 0.26 | 11.2 | 15 | 2.9(0.3) | | 260 |
| UR 3-5 | 0.23 | 1.6 | 3 | 0.9(0.09) | | 130 |
| 10 | 0.25 | 2.1 | 6 | 1.8(0.18) | | 140 |
| 15 | 0.3 | 4.5 | 9 | 2.6(0.27) | | 140 |
| 20 | 0.3 | 4.5 | 12 | 3.5(0.36) | | 145 |
| 25 | 0.32 | 6.4 | 15 | 4.4(0.45) | | 155 |
| 30 | 0.32 | 6.4 | 18 | 5.3(0.54) | | 175 |
| 35 | 0.35 | 9.8 | 21 | 6.2(0.63) | | 145 |
| 40 | 0.35 | 9.8 | 24 | 7.1(0.72) | | 155 |
| UR 4-5 | 0.26 | 1.4 | 3 | 0.9(0.09) | | 145 |
| 10 | 0.29 | 2 | 6 | 1.8(0.18) | | 145 |
| 15 | 0.32 | 3 | 9 | 2.6(0.27) | | 145 |
| 20 | 0.38 | 6.1 | 12 | 3.5(0.36) | | 155 |
| 25 | 0.38 | 6.1 | 15 | 4.4(0.45) | | 175 |
| 30 | 0.40 | 8 | 18 | 5.3(0.54) | | 145 |
| 35 | 0.40 | 8 | 21 | 6.2(0.63) | | 155 |
| 40 | 0.45 | 14.4 | 24 | 7.1(0.72) | | 175 |
| 45 | 0.45 | 14.4 | 27 | 7.9(0.81) | | 145 |
| 50 | 0.45 | 14.4 | 30 | 8.8(0.9) | | 155 |
| 60 | 0.5 | 23 | 36 | 10.6(1.08) | | 175 |
| UR 5-5 | 0.3 | 1.65 | 3 | 0.9(0.09) | | 145 |
| 10 | 0.35 | 2.1 | 6 | 1.8(0.18) | | 145 |
| 15 | 0.38 | 3.61 | 9 | 2.6(0.27) | | 145 |
| 20 | 0.38 | 3.61 | 12 | 3.5(0.36) | | 155 |
| 25 | 0.45 | 7.43 | 15 | 4.4(0.45) | | 175 |
| 30 | 0.45 | 7.43 | 18 | 5.3(0.54) | | 145 |
| 35 | 0.5 | 12.25 | 21 | 6.2(0.63) | | 155 |
| 40 | 0.5 | 12.25 | 24 | 7.1(0.72) | | 175 |
| 45 | 0.5 | 12.25 | 27 | 7.9(0.81) | | 145 |
| 50 | 0.55 | 19.53 | 30 | 8.8(0.9) | | 155 |
| 60 | 0.55 | 19.53 | 36 | 10.6(1.08) | | 175 |
| UR 6-5 | 0.32 | 1.5 | 3 | 0.9(0.09) | | 145 |
| 10 | 0.4 | 3 | 6 | 1.8(0.18) | | 145 |
| 15 | 0.4 | 3 | 9 | 2.6(0.27) | | 145 |
| 20 | 0.5 | 7 | 12 | 3.5(0.36) | | 155 |
| 25 | 0.5 | 7 | 15 | 4.4(0.45) | | 175 |
| 30 | 0.5 | 7 | 18 | 5.3(0.54) | | 145 |
| 35 | 0.55 | 11 | 21 | 6.2(0.63) | | 155 |
| 40 | 0.55 | 11 | 24 | 7.1(0.72) | | 175 |
| 45 | 0.6 | 17.4 | 27 | 7.9(0.81) | | 145 |
| 50 | 0.6 | 17.4 | 30 | 8.8(0.9) | | 155 |
| 60 | 0.65 | 23.4 | 36 | 10.6(1.08) | | 175 |
| 70 | 0.65 | 23.4 | 42 | 12.4(1.26) | | 145 |
| UR 8-10 | 0.45 | 2.6 | 6 | 1.8(0.18) | | 175 |
| 15 | 0.5 | 3.6 | 9 | 2.6(0.27) | | 180 |
| 20 | 0.5 | 3.6 | 12 | 3.5(0.36) | | 190 |
| 25 | 0.55 | 5.9 | 15 | 4.4(0.45) | | 175 |
| 30 | 0.65 | 10.4 | 18 | 5.3(0.54) | | 180 |
| 35 | 0.65 | 10.4 | 21 | 6.2(0.63) | | 190 |
| 40 | 0.7 | 15.4 | 24 | 7.1(0.72) | | 175 |
| 45 | 0.75 | 21 | 27 | 7.9(0.81) | | 180 |
| 50 | 0.75 | 21 | 30 | 8.8(0.9) | | 190 |
| 60 | 0.8 | 27.6 | 36 | 10.6(1.08) | | 175 |
| 70 | 0.8 | 27.6 | 42 | 12.4(1.26) | | 180 |
| 80 | 0.8 | 27.6 | 48 | 14.1(1.44) | | 190 |

UF : Fmax. (許容たわみ量) = L × 45%

| 型式 TypeD-L | d | 密着長 (参考値) | F max. | N {kgf} max. | Fa% | ¥基準単価 |
|------------|------|-----------|--------|--------------|-----|-------|
| UF 2-5* | 0.2 | 2.35 | 2.25 | 0.66(0.068) | | 290 |
| 10* | 0.2 | 2.35 | 4.5 | 1.3(0.14) | | 350 |
| 15* | 0.26 | 7.8 | 6.7 | 2.0(0.20) | | 130 |
| 20* | 0.26 | 7.8 | 9 | 2.7(0.27) | | 140 |
| 25* | 0.29 | 13.6 | 11.2 | 3.3(0.34) | | 145 |
| 30* | 0.29 | 13.6 | 13.5 | 4.0(0.41) | | 155 |
| UF 3-5* | 0.26 | 1.8 | 2.25 | 1.1(0.11) | | 145 |
| 10* | 0.32 | 4.5 | 4.5 | 2.2(0.22) | | 155 |
| 15* | 0.32 | 4.5 | 6.7 | 3.2(0.33) | | 175 |
| 20* | 0.35 | 6.3 | 9 | 4.4(0.45) | | 180 |
| 25* | 0.35 | 6.3 | 11.2 | 5.5(0.56) | | 190 |
| 30* | 0.4 | 12.4 | 13.5 | 6.6(0.67) | | 210 |
| UF 4-5* | 0.32 | 2 | 2.25 | 1.1(0.11) | | 145 |
| 10* | 0.35 | 3 | 4.5 | 2.2(0.22) | | 155 |
| 15* | 0.4 | 5.2 | 6.7 | 3.2(0.33) | | 175 |
| 20* | 0.4 | 5.2 | 9 | 4.4(0.45) | | 180 |
| 25* | 0.45 | 9.5 | 11.2 | 5.5(0.56) | | 190 |
| 30* | 0.45 | 9.5 | 13.5 | 6.6(0.67) | | 210 |
| 35* | 0.5 | 15.5 | 15.7 | 7.6(0.78) | | 245 |
| 40* | 0.5 | 15.5 | 18 | 8.8(0.9) | | 280 |
| 45* | 0.5 | 15.5 | 20 | 9.8(1) | | 290 |
| 50* | 0.5 | 15.5 | 22.5 | 10.8(1.1) | | 315 |
| 60* | 0.55 | 22.6 | 27 | 12.7(1.3) | | 330 |
| UF 5-5* | 0.35 | 2.01 | 2.25 | 1.1(0.11) | | 145 |
| 10* | 0.4 | 3.2 | 4.5 | 2.2(0.22) | | 155 |
| 15* | 0.4 | 3.2 | 6.75 | 3.3(0.34) | | 175 |
| 20* | 0.45 | 4.95 | 9 | 4.4(0.45) | | 180 |
| 25* | 0.45 | 4.95 | 11.25 | 5.5(0.56) | | 190 |
| 30* | 0.5 | 7.75 | 13.5 | 6.7(0.68) | | 210 |
| 35* | 0.5 | 7.75 | 15.75 | 7.7(0.79) | | 245 |
| 40 | 0.6 | 19.5 | 18 | 8.8(0.9) | | 280 |
| 45 | 0.6 | 19.5 | 20.25 | 10(1.01) | | 290 |
| 50 | 0.6 | 19.5 | 22.5 | 11.2(1.13) | | 315 |
| 60 | 0.65 | 27.95 | 27 | 13.4(1.35) | | 330 |
| UF 6-5* | 0.4 | 2.2 | 2.25 | 1.1(0.11) | | 145 |
| 10* | 0.5 | 5 | 4.5 | 2.2(0.22) | | 155 |
| 15* | 0.55 | 7.7 | 6.7 | 3.2(0.33) | | 175 |
| 20* | 0.55 | 7.7 | 9 | 4.4(0.45) | | 180 |
| 25 | 0.6 | 10.8 | 1 | | | |